

MATANZAS CREEK FISHWAY

Estimated Project Cost:

\$3.5 Million

DESCRIPTION:

- Fish passage through the 1,400 linear-foot Matanzas Creek flood control project (culvert) is prohibited by high winter velocities and shallow summer depths
- Install 8 – 10 inflatable bladders across the bottom of the culvert to create a small series of dams inside the culvert
- Bladders will raise water levels and decrease velocities throughout the structure
- During high flows, the bladders will deflate, retaining the flood control capacity within the culvert
- Fish will pass the inflated barriers by swimming or leaping over them and then continue upstream of the culvert and into Matanzas Creek

PROJECT GOAL

Remove a migration barrier at the mouth of Matanzas Creek to allow steelhead access to spawning and rearing habitat.

POTENTIAL PARTNERSHIPS:

- California Department of Fish and Game
- California Regional Water Quality Control Board, North Coast Region
- City of Santa Rosa
- Community Organizations
- National Marine Fisheries Service
- Sonoma County Water Agency

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